

#### **IV. ISSUES AND RECOMMENDED IMPROVEMENTS**

Through field work, assessment of existing conditions data and meetings with area residents, the Study Team compiled a comprehensive list of transportation issues and suggested improvements for the entire study area. These issues represent the most pressing concerns and needs for improving safety and transportation operations in the Study Area.

This section of the reports presents each identified transportation issue, listed by roadway, and then by intersection. They are presented as follows:

- Issue – states the concern, problem or need for improvement.
- Preliminary Suggestion(s) – various solutions that could potentially address the issue. This section includes a description of all the short-term and long-term improvements considered in the evaluation. Based on the evaluation of alternatives, some of the preliminary suggestions were not recommended for implementation.
- Discussion – analysis and evaluation parameters.
- Recommendations – improvements to be implemented.

In order to facilitate the presentation of traffic operation issues, the Study Team divided the study area into the four geographic areas shown in Figure 45. The boundaries of these four areas are the following:

1. Area east of Blair Road and north of Walnut Street/Walnut Avenue
2. Area east of Blair Road and south of Walnut Street/Walnut Avenue
3. Area west of Blair Road and south of Piney Branch Road
4. Area west of Blair Road and north of Piney Branch Road

These area issues are summarized in Table 22 through Table 25. Figure 46 through Figure 49 present the location of traffic operation issues for each geographic area. In addition to summarizing the identified transportation issues by geographic area, the Study Team prepared additional tables of transportation issues for the following four topic groups:

1. Transit issues
2. Pedestrian issues
3. Parking issues
4. Bicycle issues

The Study Team prepared separate recommendations by topics to address the transit, pedestrian, parking, and bicycle issues. The recommendations are summarized in Table 26 through Table 28 and Figure 50 through Figure 53.

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*Figure 45. Sub-Area Boundaries*

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*Figure 46. Location of Traffic Issues – Area Map 1*

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***Table 22. Area 1- Traffic Issues and Recommendations***

Click to View:

***Table 22A. Blair Road at Cedar Street and 4<sup>th</sup> Street***

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***Figure 46A. Proposed Signing and Pavement Markings for Entrance to the Grand China and Liquor Store***

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***Figure 46B. Proposed Geometry for Blair Rd at Dahlia St and 5<sup>th</sup> St NW***

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***Figure 47. Location of Traffic Issues – Area Map 2***



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***Table 23. Area 2 – Traffic Issues and Recommendations***

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*Figure 48. Location of Traffic Issues – Area Map 3*

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***Table 24. Area 3 – Traffic Issues and Recommendations***

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***Table 24A. Aspen Street***

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***Figure 48A. Proposed Pavement & Signing on Piney Branch Rd. at Underwood St.***

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*Figure 49. Location of Traffic Issues – Area Map 4*

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***Table 25. Area 4 – Traffic Issues and Recommendations***

Click to View:

***Figure 50. Future Transit Recommendations***



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***Table 26. Transit – Issues and Final Recommendation(s)***

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***Figure 51. Pedestrian Improvement Locations***

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***Table 27. Pedestrian – Issues and Final Recommendation(s)***

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***Figure 51A. Proposed Signing and Pavement Markings at Piney Branch Rd. at  
Eastern Ave. NW***

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***Figure 52. Parking Improvement Locations***

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***Table 28. Parking – Issues and Final Recommendation(s)***

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***Figure 53. Bicycle Issues and Recommendations***